

TACHIMETRI DA PANNELLO SERIE 8413

8413 DIGITAL PANEL TACHOMETERS

The digital tachometers series 8413 are panel types and input can be provided through different kinds of transducers in order to meter the r.p.m. of a motor, or any other rotating part and also linear speed measurement ,

The main features are the low cost and the high accuracy, and make them suitable in applications where no special features other than accuracy are required.

The tachometers are grouped in two basic families:

8413.040/042/044/046 four digits

8413.050/052/054/056 five digits



MODEL	DIGITS	MEASURING RANGE	TRANSDUCER	PULSE PER REVOLUTION	POWER
8413.040	4	2 - 10'000	Optical det. - proximity	1	230Vac / 9-28Vdc
8413.042	4	0.2 - 10'000	Contact detector Proximity +8010.012	10	230Vac / 9-28Vdc
8413.050	5	2 - 100'000	Optical det. proximity	1	230Vac / 9-28Vdc
8413.052	5	0.2 - 30'000	Contact detector Proximity +8010.012	10	230Vac / 9-28Vdc
8413.044	4	2 - 10'000	Optical det. - proximity	1	110Vac / 9-28Vdc
8413.046	4	0.2 - 10'000	Contact detector Proximity +8010.012	10	110Vac / 9-28Vdc
8413.054	5	2 - 100'000	Optical det. - proximity	1	110Vac / 9-28Vdc
8413.056	5	0.2 - 30'000	Contact detector Proximity +8010.012	10	110Vac / 9-28Vdc

TECHNICAL FEATURES

Display: 4 or 5 digits, 13mm height LED display

Measuring period: 1 second

Accuracy: ± 1 r.p.m. up to 10,000 r.p.m.
 $\pm 0.005\%$ over 10,000 r.p.m.

Operative temperature: from 0° to 45°C

POWER SUPPLY: AC 110/230Vac
(according the model)
DC from 9 to 28Vdc

Weight: 0.33Kg

Case: DIN 48x96x107mm

DIMMER input command

Decimals 1 oppure 0

TRANSDUCER Optical detector, Proximity, Contact detector, encoder, etc.

TRANSDUCER POWER SUPPLY: 5Vdc/30mA

INPUT SIGNAL WAVEFORM :

square or open-collector low=0-1.5V high=4-30V

INPUT IMPEDANCE 2K Ω

MINIMUM SPEED (040/044/050/054): 2 r.p.m.

MINIMUM SPEED (042/046//052/056): 0,2 r.p.m.

MAXIMUM SPEED (040/044/050/054):
100000 r.p.m.

MAXIMUM SPEED (042/046//052/056):
30000 r.p.m.